Project Director Joint Products
PM Acquisition Panel Brief

For The

Munitions Executive Summit

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Project Director Joint Products
Mission and Goals

<u>MISSION:</u> Manage SMCA acquisition of assigned conventional ammunition efficiently and effectively for Other Service customers/developers

- Executes Single Manager for Conventional Ammunition (SMCA) acquisition responsibility for Bombs and Energetics, and Navy Gun Ammunition product lines for the Air Force and Navy
- Places Air Force in leadership of SMCA execution organization for Other Service - unique product lines
- Provides focus on Bombs and Navy Gun Ammunition acquisition management and industrial base planning and integration

Project Director Joint Products Portfolio Snapshot

BOMBS

BLU111/110/ 117 GP Bombs

Navy and Air Force Practice Bombs

Bomb Fuzes, Fins and Lugs

Navy and Air Force Penetrator Bombs

NAVY GUN AMMO

Navy Gun Ammo

Deck Gun firing 5”/54 Cal Ammo

76mm Gun Ammo

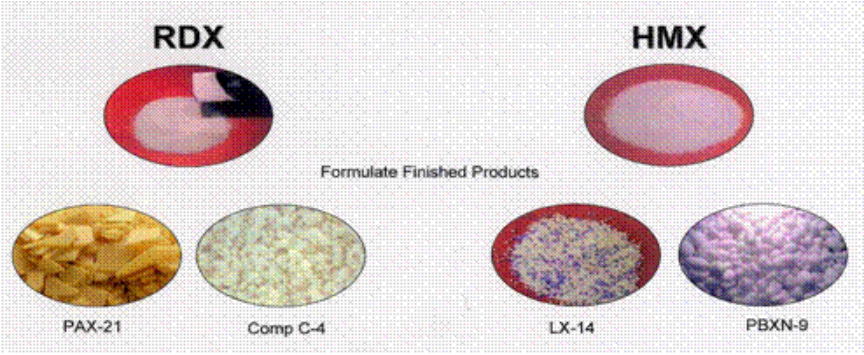
5”/54 Cal Gun Ammo bodies, prop charges and fuzes

CAD/PAD

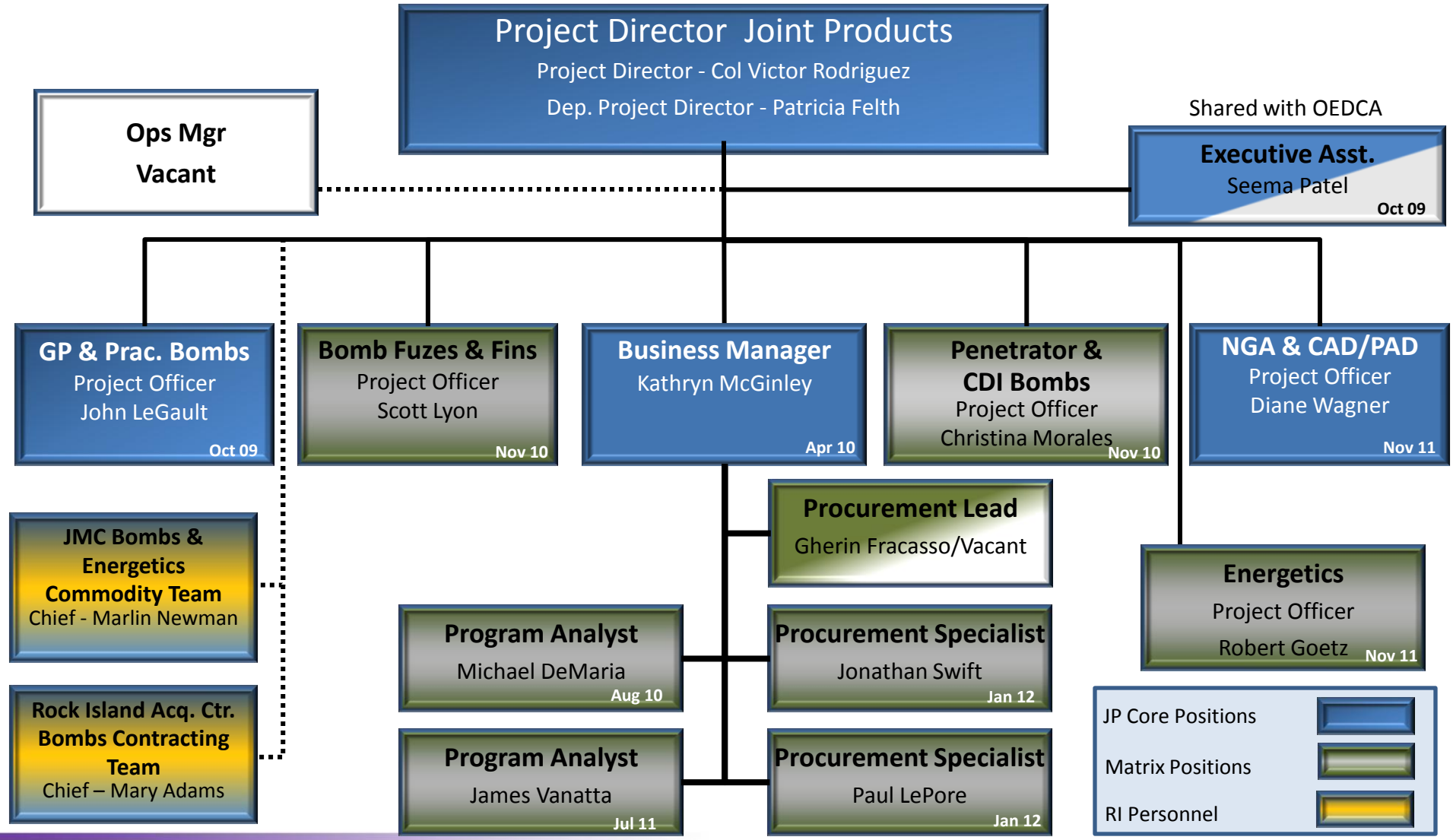
Cartridge Actuated Devices

Propellant Actuated Devices

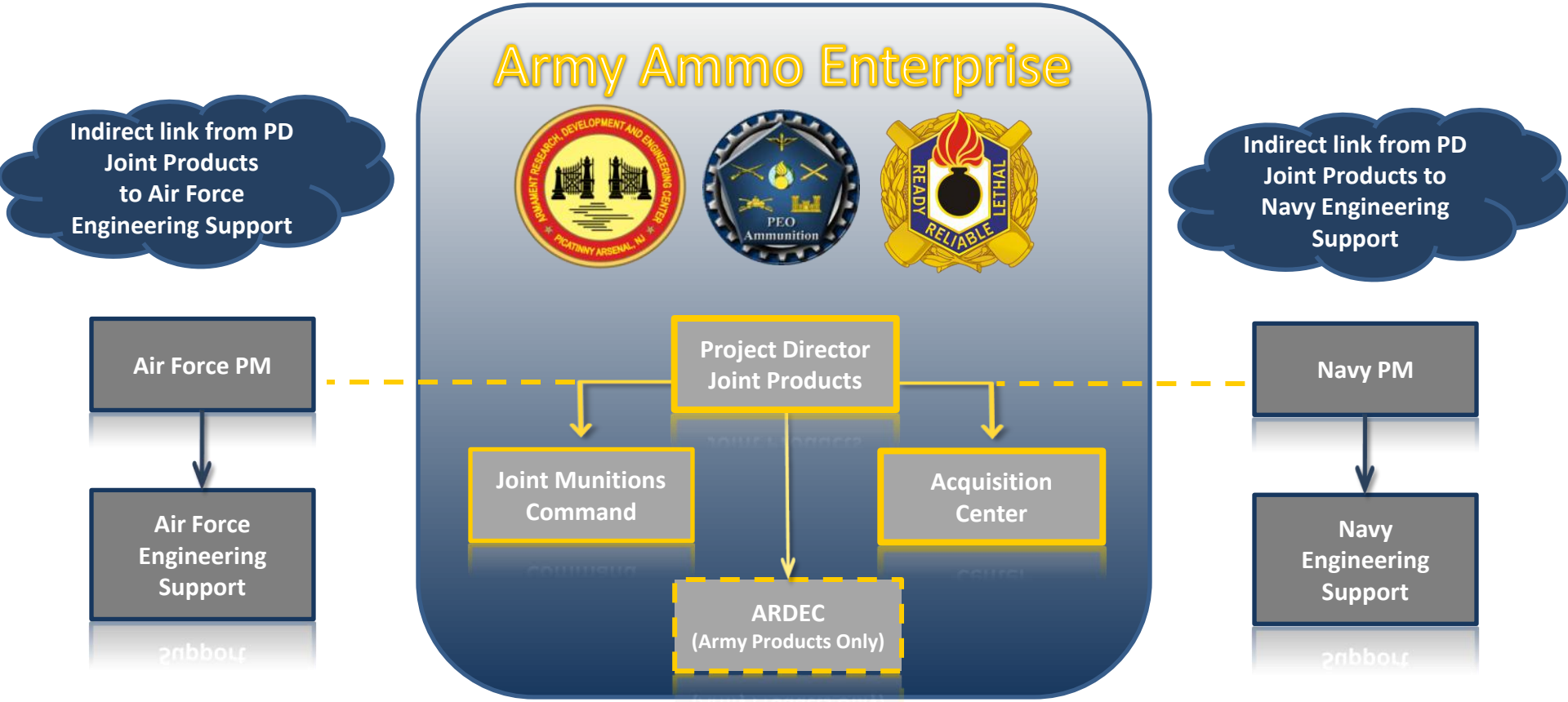
ENERGETICS



Project Director Joint Products Organization Chart



Management Relationships
Other Service Configuration Managed Items



Indirect Link from Army Project Office to Other Service Engineering Support

Needs from Industry to Fill Capability Gaps

- None

FY12-13 Competitive Acquisition Opportunities for Industry

FY12 Award

- MK437 Multi-Option Fuze for Navy (out now)
- MK64 Projectile Bodies for 5”/54 cal Navy Gun Ammo
- MK45 Primer for MK67 Propelling Charge
- MK14 Cover for MK67 Propelling Charge
- MK89 Spotting charge for Bombs (out now)

FY13 Award

- BDU-33 25lb Practice Bomb
- PA60 Containers

Industrial Base Challenges and Courses of Action

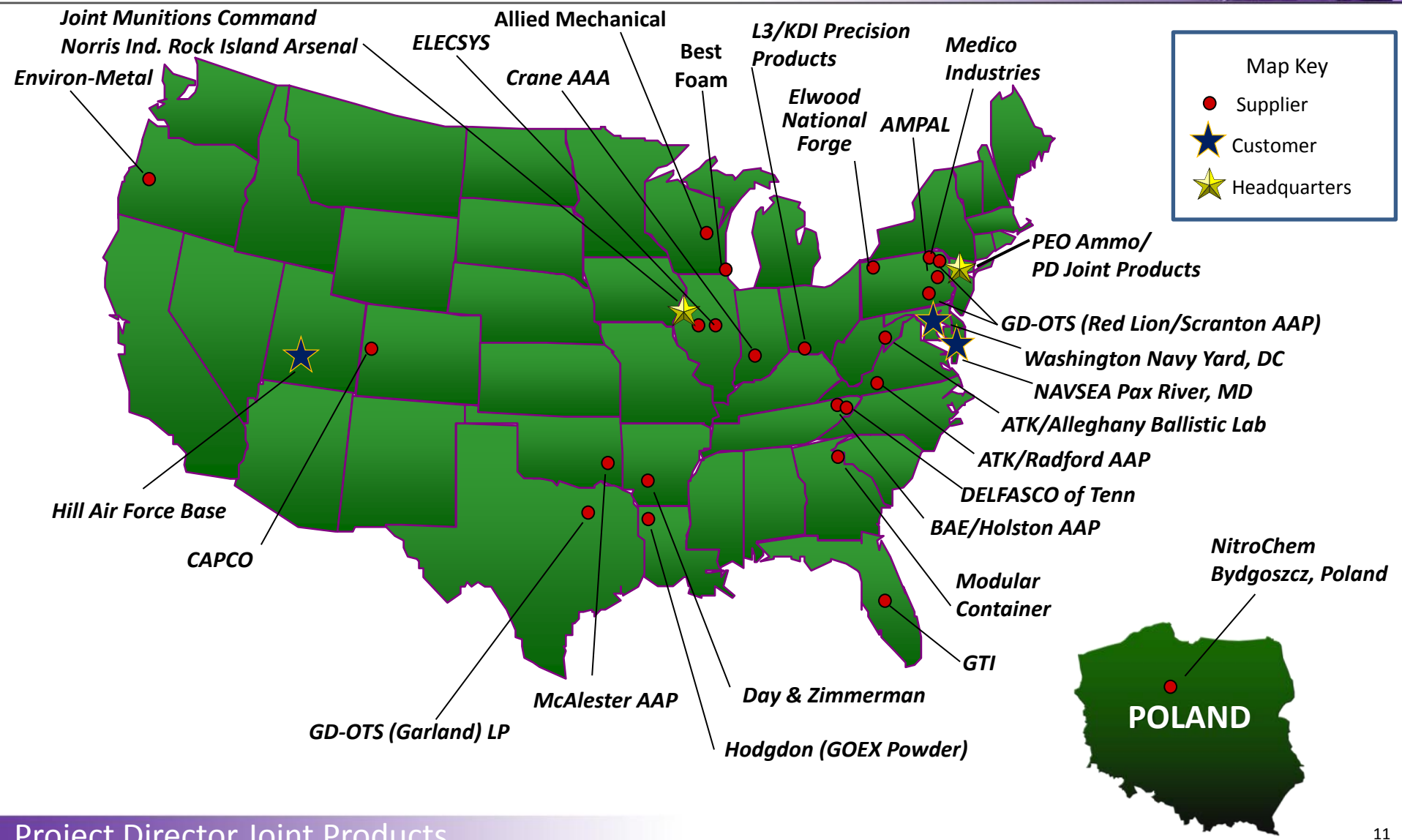
- Drawdown in customer funded requirements may push lower limits of minimum sustaining rates
- Need flexibility in both contracts and production facilities to absorb fluctuations in customer funding
  - Fixed price multiple year contracts (option or IDIQ)
  - Ability to produce fewer than 12 months of production, shut down and restart each year
  - Ability to execute unplanned buys, e.g. FMS

Conclusion/Summary

- PD JP's multi-Service mission and project team present some interesting challenges
- Bombs and Navy Gun Ammo procurement funding are likely to decline
  - Need flexible contract vehicles and production facilities to execute efficiently
  - Unplanned work like FMS orders may be valuable for maintaining minimum sustaining rates (but need ability to execute timely)
- Will strive to maintain competitive opportunities

Backup

Project Director Joint Products Supplier Map



Project Director Joint Products
Active Acquisition Items Managed

BOMBS

	DODIC	NOMENCLATURE
Air Force	E485	BOMB GP 500LB MK 82-1
	E756	BOMB GP 2000LB BDU-56/B INERT
	E969	BOMB PRACTICE 25LB BDU-33D/B
	E989	BOMB PENETRATOR 5000LB BLU-113A(D-1)/B INERT
	EA32	FUZE BOMB DUMMY FMU-143B(D-2)/B
	EB28	BOMB GP 1000LB BLU-110/B PBXN-109 LOAD
	ED41	BOMB GP 500LB BLU-110B/B
	ED15	BOMB GP 500LB BLU-111B/B
	EB71	BOMB PRACTICE 500LB BDU-50C/B INERT
	EC37	BOMB GP 1000LB MK 83-4 INERT
	EC72, ED49	BOMB PENETRATOR 2000LB BLU-109/B
	ED09	BOMB GP 2000LB BLU-117B/B
	ED12	BOMB 2000LB BDU-56A/B CDI*
	ED28-ED30, F800-F809	FUZE FMU 143 B/B, F/B, G/B, R/B, S/B, T/B
	F034	BOMB PRACTICE 2000LB BLU-109(D-1)/B
	F262	BOMB GP 2000LB MK84-4 INERT
	F275	BOMB GP 2000LB TRITONAL MK84-4 W/SUSP LUG W/PLMBG
	F562	CTG SIGNAL PRACTICE BOMB MK4 MOD 3
	G251	LUG SUSP ACFT ORD F/25 LB BOMB
	EC35	FMU 139 FUZE
	F782	FIN ASSY BOMB CONICAL BSU-33 B/B

TOTAL # = 21

Navy	1W73	FIN RETARDER AIR INFLATABLE BSU-85/B F/MK83
	EA53	FIN ASSEMBLY BOMB BSU-86 A/B
	F142	BOMB GP BLU-109 A/B 2000LB
	F237	BOMB GP 500LB MK82
	F288	BOMB GP 1000LB BLU-110 A/B PBX LOADED
	ED42	BOMB GP 500LB BLU-110C/B
	F289	BOMB GP BLU-111A/B PBX LOAD
	ED16	BOMB GP 500LB BLU-11C/B
	F562	CTG SIGNAL PRACTICE BOMB MK4 MOD 3
	G408	CABLE ASSEMBLY M73
	G410	CABLE ASSEMBLY M72

TOTAL # = 11

***Transitioning in FY10**

TOTAL Products =60
(AF and Navy share 3 Bomb Products)

NAVY GUN MUNITIONS

DODIC	NOMENCLATURE
DA15	Projectile 5”/54 CAL KE-ET MK182 MOD 0
DA34	Projectile 5”/54 CAL MK179 HE-ET*
DA48	Projectile 5”/54 CAL MK186-0 HE-MOF*
D296	5”/54 CAL Clearing Charge
D326	Propelling Charge 5”/54 MK67-3
D349	Projectile 5”/54 CAL BL-P MK92 MOD 1

***Transitioning in FY11**

TOTAL # = 6

CAD/PAD

DODIC	NOMENCLATURE
DWEA	Emergency Parachute Jettison
MJ20	Thruster, Cartridge Actuated
MS81-MS83 MS85-MS87	Cords Detonating
MT06	Arming/Firing initiator
MT20	Cartridge, Aircraft Fire Ext.
MH92	Cartridge, Aircraft Fire Extinguisher
WB53	

TOTAL # = 7

ENERGETICS

NOMENCLATURE	
Aluminum Powder	CXM757
Black Powder	HMX
BS NACO	IMX-101
Comp B	IMX-104
Comp C4	Lead Azide
Comp D	PBXN-7
Comp D2	PBXN-9
Cyclotol	TNT
CXM-7	TATB

TOTAL # = 18

Project Director Joint Products Contractors

Contractor	Location	Products
Allied Mechanical	Greensville, WI	BDU-50 Practice Bomb (AF) C/B CDI Cast Ductile Iron Bombs-500lbs LAP
Ampal, Inc	Palmerton, PA	Aluminum Powder
ATK (Radford Army Ammunition Plant)	Radford , VA	BS NACO - all commodities, Bulk Propellants
ATK (Alleghany Ballistic Lab)	Rocket Center, WV	Navy Gun Ammunition
Alliant Techsystems (ATK) from NitroChem-Poland	BYDGOSZCZ, Poland	TNT
BAE (Holston Army Ammunition Plant)	Holston, TN	Bulk Explosives (Tritonal, PBXN-109, PBXN-9), CXM-AF7)
Best Foam Fabrication	Chicago, IL	PA-60 Container
CAPCO Inc.	Grand Junction, CO	BSU-86 A/B bomb Fin Assembly (Navy)
Crane AAA	Bloomington, IN	5”/54 KE-ET MK 182-MOFN, Navy Gun Ammo LAP, 5”/54 MK MK186 Explosive Loading, MK67-3 Propelling Charge Poly Plug
Day & Zimmerman, Inc.	Camden, AR	MK45 Electric Primer
Delfasco	Greenville, TN	MS3314 Lug/MK3 Lug MK 76-5 Practice Bomb (Navy) BDU-33 Practice Bomb (AF) MK14 Suspension Lug
Elecsys	Pekin, IL	M72/M73 Cable
Elwood National Forge	Irvine, PA	BLU-109 Penetrator Bomb Case/CNU-417 Container (AF)
Environ-Metal	Sweet Home, OR	MK182 tungsten Shot
General Dynamics OTS (Garland) LP	Garland, TX Red Lion, PA Scranton AAP/Red Lion, PA	M82/83/84-4 Body + BDU-56 Body (2000lbs) (AF) BDU-50 (500lbs) C/B CDI Cast Ductile Iron Bombs BSU-85 Bomb fin Assembly Retarder (Navy) Navy Gun Ammo Projectile Bodies
GTI	Auburndale, FL	BDU-48 Practice Bomb (Navy)
GOEX	Doyline, LA	Black Powder
KDI precision Products, Inc (L-3 Fuze and Ordnance Systems)	Cincinnati, OH	FMU-143 Fuzes (Navy & AF)
McAlester Army Ammunition Plant	McAlester OK	General Purpose Bombs Explosive Loading 5”/54 MK67-3 Propelling Charge
Medico Industries, Inc.	Wilkes-Barre, PA	MXU 735 Nose Plug (Navy)
Modular Container, Inc.	Lavonia, GA	MK-3 Pallets
Norris Industries (NI) (Rock Island Arsenal, IL)	Previously Riverbank, CA / moved to Rock Island Arsenal as of May 2010	MK9 Cartridge Case